

Attachment E

PROPOSED COUNT 3	CLAIM 5 OF '484 PATENT
Apparatus comprising:	Apparatus for reducing the contraction force of a muscle, comprising:
means for creating an electric potential between at least two points located in the vicinity of the muscle;	means for creating an electric potential between at least two points located in the vicinity of the muscle;
means for causing a non-excitatory DC electric current to flow between said at least two points, if desired; and	means for causing a non-excitatory DC electric current to flow between said at least two point, if desired; and
means for controlling the start time, duration and magnitude of the non-excitatory electric potential and/or of the non-excitatory electric current flowing between said at least two points.	means for controlling the start time, duration and magnitude of the non-excitatory electric potential and/or of the non-excitatory electric current flowing between said at least two points.

PROPOSED COUNT 3	CLAIM 53 OF '631 PATENT
Apparatus comprising:	Cardiac surgery aiding apparatus, comprising
means for creating an electric potential between at least two points located in the vicinity of the muscle;	circuitry for generating a non-excitatory electric field, and
means for causing a non-excitatory DC electric current to flow between said at least two points, if desired; and	electrodes for applying to a heart or to a portion thereof said non-excitatory electric field,
means for controlling the start time, duration and magnitude of the non-excitatory electric potential and/or of the non-excitatory electric current flowing between said at least two points.	wherein said circuitry for generating a non-excitatory electric field generate a field of a magnitude, shape duty cycle, phase, frequency and duration suitable to control the electro-mechanical activity of the tissue in the area on which surgery is to be performed, and wherein said field is unable to generate a propagating action potential.

PROPOSED COUNT 4 (FIRST PART)	CLAIM 54 OF '631 PATENT
Apparatus for reducing the contraction force of a muscle, comprising:	Cardio-vascular surgery aiding apparatus, comprising
means for creating an electric potential	circuitry for generating a non-excitatory

between at least two points located in the vicinity of the muscle;	electric field, and
means for causing a non-excitatory DC electric current to flow between said at least two point, if desired; and	electrodes for applying to a heart chamber or to a portion thereof said non-excitatory electric field to modify an activity of the heart or a portion thereof,
means for controlling the start time, duration and magnitude of the non-excitatory electric potential and/or of the non-excitatory electric current flowing between said at least two points.	wherein said circuitry for generating a non-excitatory electric field generates a field of a magnitude, shape, duty cycle, phase, frequency and duration suitable to reduce the output flow, contractility, or pressure of said chamber, when surgery is performed on tissue perfused by the flow of said chamber, and wherein said field is unable to generate a propagating action potential, and thereafter performing the required surgical procedure on said area.